

g



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/819,831	03/28/2001	Daniel Seligson	INTL-0429-US (P9135)	1550

7590 11/06/2002

Timothy N. Trop
TROP, PRUNER & HU, P.C.
8554 KATY FWY, STE 100
HOUSTON, TX 77024-1805

EXAMINER

ZAMANI, ALI A

ART UNIT	PAPER NUMBER
----------	--------------

2674

DATE MAILED: 11/06/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/819,831

Applicant(s)

DANIEL SELIGSON

Examiner

Ali A. Zamani

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Matthies et al. (US Pat. No. 6,370,019).

In regard to claims 1-22, Matthies et al. disclose a display (100) comprising: a plurality of substrates (see Figs. 6A-6C); a plurality of display elements formed on each substrate (Fig. 7, col. 12, lines 13-34); an integrated circuit block (702) attached to each substrate and coupled to at least one of display elements (704); and an integrator (134) to couple substrates to form a tiled display (see Fig. 7). Matthies et al. teach an electronic display structure comprising a display module and an area seal which includes a first substrate having a plurality of column electrodes and each of plurality of portions of a display material are coupled to one of a plurality of row electrodes and the area seal is formed upon the first substrate and encapsulates the row electrodes, the column electrodes, and the portions of display material. Furthermore, the

Art Unit: 2674

electronic display structure includes a circuit module including plurality of signal lines each corresponding to one of the plurality of row and column electrodes also includes a transparent front plate (320) which may be, a float glass plate, transparent column electrodes (322) are formed on the plate (320) by depositing thin bands of transparent conductor, such as indium-tin oxide (ITO), using well known process and the red, green and blue OLED materials or other display materials (324) and (326) are deposited on top of the column electrodes to define the active area of the pixel (see Fig. 3). Matties further teaches an entire display including tiles (102) may be sealed using a display seal includes a front plate (902), a back plate (904) and a seal (906) therebetween and the tiles (102) are oriented so the front glass of the tiles (902) are adjacent the front plate (902) of the display seal and each tile may include circuitry to provide signals to drive its respective pixels and the shape of the tiles is most typically square or rectangular, however the shape can be any shape that can be tiled to form a larger display. Thus, the display seal need not accommodate any circuitry to providing a signal path from tiles within the display seal to signal source outside the display seal (Fig. 9), as described above which shown in (Fig. 7) with regard to an OLED display, as known to those skilled in the art, the teaching of Matties are generally applicable to other display technologies (col. 9, lines 52-59).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Pierson, Greene et al. are made of record to show various type of Tiled Flat-Panel Displays.

Art Unit: 2674

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ali Zamani whose telephone number is (703) 308-6414. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerpe, can be reached on (703) 305-4709.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, DC 20231

or faxed to:


(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Ali Zamani

October 31, 2002



Richard A. Hjerpe
SUPERVISOR, EXAMINER, TCM
TECHNOLOGY CENTER 2600